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(54) **MULTI-SPEED PLANETARY TRANSMISSION**

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CPC ..... **F16H 3/66** (2013.01); **F16H 2200/0065** (2013.01); **F16H 2200/0069** (2013.01); **F16H 2200/2012** (2013.01); **F16H 2200/2046** (2013.01)

(58) **Field of Classification Search**  
None  
See application file for complete search history.

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(57) **ABSTRACT**

A multi-speed transmission including a plurality of planetary gearsets and a plurality of selective couplers to achieve at least nine forward speed ratios is disclosed. The plurality of planetary gearsets may include a first planetary gearset, a second planetary gearset, a third planetary gearset, and a fourth planetary gearset. The plurality of selective couplers may include a number of clutches and a number of brakes. The multi-speed transmission may have four planetary gearsets and six selective couplers. The six selective couplers may include three clutches and three brakes.

**20 Claims, 2 Drawing Sheets**

